



Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

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648.4702

Job Sheet 186745



Part No: 648.4702

Job Qty: 1 ea

Part Name: C3 Overhaul Provisions



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/21/18

Job Tracking No:

Due Date: 12/5/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: O&OPM-C3 REV.4 IPP REV:A 17.12.11 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	12/5/18	12/5/18	0.00	0.00	Start Up Stores/Pkg-1		
110	Small Fab	1 pcs	12/5/18	12/5/18	0.00	1.00	Small Fab-9		
120	QC	1 pcs	12/5/18	12/5/18	0.00	0.00	QC4		
130	Packaging	1 pcs	12/5/18	12/5/18	0.00	0.00	Packaging3-1		
135	DC	1 pcs	12/5/18	12/5/18	0.00	0.00	DC		
140	QC21-FG	1 Ea	12/5/18	12/5/18	0.00	0.00	QC21		

Part Op 110 - Pick kit

Descriptions: 130 - Identify and pack for shipping as per PPP 648.4702

135 - Photocopy bluefile & type labels per PPP 648.7402

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	90-Start up Operation	5110495
188-FSCS-832-5/8	Clock Spring Cover Screw	4 Ea (4 ea)	90-Start up Operation	5126989
600.1309-A	Label	1 pcs (1 ea)	90-Start up Operation	
600.1313 P	C3 Warning Label	1 Ea (1 ea)	90-Start up Operation	5029483
AN4-16A	Bolt	3 Ea (3 ea)	90-Start up Operation	5115056
C2-14-2	Label Rivets	2 Ea (2 ea)	90-Start up Operation	5040661
C2-3-1	Latch Shaft Du Bearing	2 pcs (2 ea)	90-Start up Operation	5068886
C2-3-2-1	Roller Pin Retaining Ring	2 Ea (2 ea)	90-Start up Operation	5111638
C2-3-3-1	Latch Roller DU Bearing	1 Ea (1 ea)	90-Start up Operation	5020798
C2-3-5	Spacer, Teflon	2 Ea (2 ea)	90-Start up Operation	5111642
C2-3-8	Actuator Shaft Bushing	2 Ea (2 ea)	90-Start up Operation	5117506
C3-10-2	Lock Spring	1 Ea (1 ea)	90-Start up Operation	5113706
C3-12-1	Lock Bushing	2 Ea (2 ea)	90-Start up Operation	5094886 x1 5094891 x1
C3-12-6	Lock Roller Pin Circlip	2 Ea (2 ea)	90-Start up Operation	5093407
C3-13-1 P	Keeper Bushing	2 pcs (2 ea)	90-Start up Operation	5029270
C3-13-5 P	Spring, Keeper	1 Ea (1 ea)	90-Start up Operation	5089547
C3-3-4-1	Ring, Retaining	4 pcs (4 ea)	90-Start up Operation	5121999
C3-3-9	Actuator Spring	1 Ea (1 ea)	90-Start up Operation	5128955
C3-4-1	Load Beam Bushing	2 Ea (2 ea)	90-Start up Operation	5099320
C3-7-1	Load Beam Bumper	1 Ea (1 ea)	90-Start up Operation	5107793
C3-7-2	Lock Bumper	2 Ea (2 ea)	90-Start up Operation	5120071 5110983
C3-8-4	Solenoid Cover Gasket	1 Ea (1 ea)	90-Start up Operation	5107444

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:12.5%;">Skid-tube ☐</td> <td style="width:12.5%;">Cross tube ☐</td> <td style="width:12.5%;">Water Jet ☐</td> <td style="width:12.5%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐	☐	No Re-verification ☐	☐	Pressure/Forced ☐	☐	Temperature/Cure ☐	☐	Power Loss/Surge ☐	☐	Positioned Wrong ☐															
Design ☐	☐	Operator ☐	☐	Bending ☐	☐	Set-up ☐	☐	Folio/Program ☐	☐	Outside Dimensions ☐															
Doc/Data ☐	☐	Offset/Setup ☐	☐	Centre Not Concentric ☐	☐	BOM/Route ☐	☐	Grain ☐	☐	Over/Under tolerance ☐															
Equip/Tooling ☐	☐	Supplier ☐	☐	Cracks ☐	☐	Broken/Damage/Defect ☐	☐	Weld ☐	☐	Part Incorrect ☐															
Handling/Pre ☐	☐	Training ☐	☐	Crimp/Kink/Ripple/Wave ☐	☐	Inspection Incomplete/Unqualified ☐	☐	Wrong Stock Pulled ☐	☐	Part Lost/Missing ☐															
Material ☐	☐	Use for Testing ☐	☐	Cuffs ☐	☐	Contamination ☐	☐	Out of Sequence ☐	☐	Part Moved ☐															
Internal Transport ☐	☐	Poor Information ☐	☐	Crushing ☐	☐	Countersink ☐	☐	Off-set ☐	☐	Drawing ☐															
Tribal Knowledge ☐	☐	Rushing ☐	☐	Heat Treat ☐	☐	Cut Too Short ☐	☐	Mislabeled ☐	☐	Finish ☐															
LOA ☐	☐	Product Improvement ☐	☐	Wave/Twist in Tube ☐	☐	Instructions Incomplete/Unclear ☐	☐	Fit/Function ☐	☐	Misread ☐															
Substation ☐	☐	Process Improvement ☐	☐	Marks/Chatter ☐	☐	Drill Holes ☐	☐	Misaligned/off center ☐	☐	Turning Sequence ☐															
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER : _____																						
Misidentified ☐	☐	Past Due ☐																							

NAS1149F0463P	Washer ✓	8 Ea (8 ea)	90-Start up Operation
MS21044N4	Nut, Self-Locking ✓	4 Ea (4 ea)	90-Start up Operation
AN4-17A	Bolt ✓	1 Ea (1 ea)	90-Start up Operation
MS21083N3	Nut ✓	2 Ea (2 ea)	90-Start up Operation
NAS1149F0332P	Washer ✓	2 Ea (2 ea)	90-Start up Operation
MS35266-63	Solenoid Cover Screw ✓	1 Ea (1 ea)	90-Start up Operation
NAS1149F0363P	Washer ✓	1 Ea (1 ea)	90-Start up Operation
AN6-15A	Bolt ✓	1 Ea (1 ea)	90-Start up Operation
MS21083N6	Nut ✓	1 Ea (1 ea)	90-Start up Operation
NAS1149F0632P	Washer ✓	2 Ea (2 ea)	90-Start up Operation

505646T 5078780
5122088
5098021
5087939 5134028
5103666-1
5075329
5027738
5068641
5076012
5067038

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	188-FPSS-1032-1/4	2	236	0
	188-FSCS-832-5/8	4	149	0
	600.1309-A	1	0	0
	600.1313	1	6	0
	AN4-16A	3	464	0
	AN4-17A	1	414	0
	AN6-15A	1	31	0
	C2-14-2	2	220	0
	C2-3-1	2	32	0
	C2-3-2-1	2	100	0
	C2-3-3-1	1	48	0
	C2-3-5	2	112	0
	C2-3-8	2	50	0
	C3-10-2	1	48	0
	C3-12-1	2	51	0
	C3-12-6	2	53	0
	C3-13-1	2	42	0
	C3-13-5	1	46	0
	C3-3-4-1	4	96	0
	C3-3-9	1	80	0
	C3-4-1	2	12	0
	C3-7-1	1	25	0
	C3-7-2	2	67	0
	C3-8-4	1	22	0
	MS21044N4	4	200	0
	MS21083N3	2	175	0
	MS21083N6	1	135	0
	MS35266-63	1	50	0
	NAS1149F0332P	2	873	0
	NAS1149F0363P	1	541	0
	NAS1149F0463P	8	788	0
	NAS1149F0632P	2	320	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					